

LAWYERS.

WM. G. SNYDER.
Attorney-at-Law,
JACKSON, CAL.
Office in Marella Building, Court street.
Will practice in all the courts of the state.

C. H. CROCKER
Attorney-at-Law
JACKSON, CAL.
Will practice in all courts of the State.

DOCTORS.

DR. A. PARKER LEWIS
Physician and Surgeon
SUTTER CREEK.
Office:—Werner Building. CAL.

E. E. ENDICOTT, M. D.
Physician and Surgeon
JACKSON, CAL.
Office: Webb building. All calls promptly
attended to at all times.

DR. E. V. TIFFANY
Physician and Surgeon
PLYMOUTH, CAL.
OFFICE—Forrest House. Hours—8 to 9 a. m.,
and 1 to 2 and 7 to 8 p. m.
Telephone Main 41.

DR. L. E. PHILLIPS
Physician and Surgeon
JACKSON CAL.
X-Ray used in Practice.
Office—Well & Reno Building. Residence,
north Main street, opposite California
Hotel. Telephone No. 401.

DR. A. M. GALL
Physician and Surgeon
JACKSON, CAL.
Office in Marella building, Main Street.

DENTISTS.

DR. C. A. HERRICK
—DENTIST—
JACKSON, CAL.
Office in Kay building. Hours from 9 a. m. to
5 p. m.

DR. JOHN A. DELUCCHI
—DENTIST—
SUTTER CREEK, CAL.
OFFICE HOURS:—From 9 a. m. to 5 p. m.

RICHARD WEBB
United States Commissioner
JACKSON, CAL.
Will attend to Homestead and other filings;
taking of final proofs and all other Land
Business.
Deeds and other legal documents drawn up.

College of Notre Dame
MARYSVILLE, CALIFORNIA.
Boarding and Day School conducted by the Sis-
ters of Notre Dame (Namu). Founded in 1856
The curriculum embraces all the branches of
a solid English education. Preparatory and
advanced courses in art, language and music.
For further information address
apio-11
SISTER SUPERIOR.

The A. Van der Nailen School
Of Civil, Electrical Mining Engineering, etc.
ESTABLISHED 1864.
Saved Apparatus, Instruments, etc. Open in
all Branches.
Great demand for ex-students in all lines.
New students should enroll at once.
Address, 5100 Telegraph Avenue,
OAKLAND, CAL. my18

ASSAYING.
Gold, Silver, Copper and Silver 75c (results guar-
anteed). Samples by mail receive prompt at-
tention. Buyers and refiners. Amalgam,
rich ore, etc. (Send by express or registered
mail.) Mines and prospects handled on
commission. Price list of assay on applica-
tion.
Oakland Mines Bureau,
865 18th St. Oakland Cal.

NEUHAUS & CO., Tailors,
WORLD-BEATERS in 30 Suits and Over-
coats made to order; style, fit, trimmings
and workmanship guaranteed. Call and ex-
amine our 30 suits and overcoats, or write to
samples, so that you may see that these suits
and overcoats are sold elsewhere for \$25 and
\$30.
NEUHAUS & CO., TAILORS,
no25m 1618 Ellis street, San Francisco.

PEOPLE'S SAVINGS BANK
OF SACRAMENTO.
Corner Fourth and J Sts.
ALL DEPOSITORS FOUR PER CENT
ON TERM DEPOSITS, THREE PER CENT
ON ORDINARY DEPOSITS.

Accepts deposits in sums
from ONE DOLLAR and
upward.
Guaranteed Capital.....\$410,000
Paid Up Capital and Reserve.....375,000
Assets.....2,300,000
Send Draft, P. O. Order, or Wells-Fargo Order
and we will send pass book.
—Money to Loan on Real Estate—
WM. BECKMAN, PRES.
Alfred G. Folger, Cashier. sep38

ANDREW PICCARDO
Freighter and Teamster
Jackson Gate Road.
Freight hauled from Martell depot and
other points at lowest rates.
All parties wanting freight from
Martell delivered promptly should
have the same addressed in care of
A. Piccardo, and send bills of lading
care Peter Piccardo Water St.

SCIENTIFIC MISCELLANY

Reported weekly for the Ledger.

A New Photometer.—The Automobile as a Street Disinfectant.—A Novel Danger on the Rhine-Growing Alumina.—Caterpillar Processions.—A Sea-Going Machine Shop.—Milk Stone.—Unexplained Effects of X-Rays.

For testing the power of lamps a Mayence optician has devised a novel photometer based upon the varying electrical resistance of selenium under different illumination. The apparatus includes two mirrors lighted respectively by a standard lamp and the lamp to be tested, while a selenium cell rapidly oscillating between two given positions is alternately lighted by either. The electric oscillations set up are shown by an ammeter. One lamp is moved until these oscillations cease and the respective distances from the photometer will then give, according to a well known rule, the light intensity of the lamp under test as compared with that of the standard lamp.

The automobile has been condemned for the surgeon for two reasons—that, it drives the machine himself, it causes trembling of the hands, and that the apparatus must contaminate the hands with the germs of street dust. Dr. Fleux, of Bordeaux, dismisses both of these indictments. The trembling of the hands occurs only in men of such high-strung nervous temperament as to be unfitted for operating at all, and tests of the dust under the hood of an automobile showed no micro-organisms of any kind. The heat of the motor actually destroys the microbes in the dust clouds, so that, instead of scattering disease the machine really disinfects the road.

A recent investigation shows that the deaths of two children on a Rhine boat were due to the cargo of ferro-silicon. For two or three days the children occupied a cabin directly over the hold where the keys of iron were placed and they were poisoned by phosphuretted hydrogen evolved from some impurity—probably calcium phosphide. Within the last six months several other sudden deaths have occurred on Rhine boats carrying ferro-silicon.

A curious phenomenon, which he calls "growing alumina," is described by T. A. Vaughan, a British experimenter. A drawn-out capillary tube contains a globule of mercury and is placed vertically a fraction of an inch above an aluminum plate. The mercury and the aluminum act respectively as anode and cathode between which electric sparks are passed. As the sparks pass, a circular crater of nearly pure alumina in the form of a feathery moss is deposited around the spot and grows to considerable size. If the deposit is removed another forms without the passage of further current. No growth occurs in an atmosphere of hydrogen, and very little in oxygen. The alumina produced has the remarkable property of acting on a photographic plate even, through celluloid. A suggested explanation is that the sparking forms an amalgam through the spraying of mercury on the plate, and this is decomposed by atmospheric moisture, depositing the alumina and setting free the mercury, which is ready to repeat the process. The photographic action is that often observed when hydrogen peroxide is produced.

Certain moth larvae living in pines in parts of France have been seen marching in single file, the leader spinning a thread to which each follower adds, and one of these singular processions noticed last April near Arachon included 114 individuals. The processions are formed at night as the larvae leave their nests to feed on young leaves and in the day when they descend to burrow in the sand and pass to the pupa stage.

The new floating dockyard of the British Admiralty is a special vessel suggested by a trial of an obsolete cruiser as a temporary repair-shop. The new vessel of 11,000 tons, is 450 feet long 55 feet beam, and 40 feet deep, and carries a crew of 300 skilled artisans. The fittings include

foundries, lathes, forges, boring machine and powerful overhead cranes, all driven by electricity, making it possible to do almost all repairs on warships while at sea.

Europeans are building up a considerable industry in the manufacture of galalith, or milk stone, which is cheaper than celluloid, and has the important advantage of being non-inflammable. The raw material is skimmed milk from the large co-operative dairies. To this in large tanks is added rennet, coagulating the casein, which is pressed, dried, powdered, and freed from its cheesy odor by repeated washings, and is finally hardened by formaldehyde. The product is more brilliant, more solid and a trifle heavier than celluloid. It is as easy to work as wood, and can be made into a great variety of articles, such as combs, hair-pins, piano keys, buttons, knife handles, umbrella handles, backs for brushes, paper knives, dominoes, inlaid ornaments for furniture, and almost any object requiring solidity and due polish. It can be given any color, or made to imitate marble, coral, tortoise shell, etc.

Increasing experience confirms the observation that X-rays have a remarkable influence upon the color of the hair. Prof. A. Imbert and M. H. Marques, two French experimenters, find the influence to be real and enduring, but they are unable to explain it. The white hair and beard of one of these authorities, who has been engaged in X-ray work since 1896, have not only been restored to their original color but are even darker than before. In an elderly patient, under treatment for lupus, part of the hair fell out under the action of the rays, but it soon grew again, and it has been since almost completely black.

Mosquitoes are found to prefer negroes to whites, a black dog to a white one, and a dark-colored resting place. Careful tests have been extended to great numbers of Anopheles, showing that they choose colors in the order of dark blue, dark red, brown red, black, gray and violet and that azure, ochre and white are distasteful and yellow extremely so. Confirming these results on 150 mosquitoes, a Swiss malaria expert has found that three-fourths settle on dark colors.

Beware of Ointments for Catarrh that contain Mercury

as mercury will surely destroy the sense of smell and completely derange the whole system when entering it through the mucous surfaces. Such articles should never be used except on prescriptions from reputable physicians, as the damage they will do is tenfold to the good you can possibly derive from them. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, O., contains no mercury, and is taken internally, acting directly upon the blood and mucous surfaces of the system. In buying Hall's catarrh cure be sure you get the genuine. It is taken internally and made in Toledo, Ohio, by F. J. Cheney & Co. Testimonials free. Sold by druggists. Price, 75c. per bottle.

Take Hall's Family Pills for constipation.

Receipt books, location blanks, deeds, mortgages, promissory notes, etc., for sale; also mining signals on cloth, graduation diplomas, at the Ledger office.

Copies of the license ordinance of the City of Jackson in pamphlet form may be had at the Ledger office; price 15c. each.

Lehnhardt's Candy

Is so pure, fresh and delicious that each piece seems to hold some new delight to lure you on to.

Just one more." Mail us a P. O. or express money order, and we will do the rest.

One pound box 75c.
Two pound box \$1.35.
Chocolate or French Mixed.
Put up in heat resisting, moisture proof packages.
Express or postage prepaid.

LEHNHARDT'S
1159 Broadway, Oakland, Cal.

Washington Letter.

Washington, February 8, 1907.

Mayor Schmitz of San Francisco with the board of education as an escort are expected to arrive here very shortly in response to the president's expressed desire to consult the educational authorities relative to the Japanese school question. Dispatches from the Pacific coast have seemed to foreshadow a recession on the part of the board of education from the position it has so firmly maintained. In return for a new treaty with China excluding Japanese and Korean coolies from this country as we exclude the Japanese. But whether the president really has the negotiation of such a treaty in view at this time is not known. It is pretty certain, however, that the visitors from California will make this demand upon him, though with what result can not be conjectured. Everybody who is interested in the Japanese school case—and nearly everybody in the East is greatly interested—will be anxious to know what passes between the president and the mayor's party. A tilt between him and mayor Schmitz is likely to be something out of the common, and presence at it would be worth double the price of admission.

As to the school question itself, it is pretty generally conceded that San Francisco has acted within her right, and that the treaty with Japan can not be construed to abrogate the state law. No less a person than hon. Richard Olney of Boston, at one time secretary of state, and acknowledged to be one of the soundest constitutional lawyers in the country, is very decided in his opinion that there can be no legal interference with the state on account of the action of the San Francisco school board. He bases his contention on this clause of the treaty:

"It is, however, understood that the stipulations contained in this and the preceding article do not in any way affect the laws, ordinances, and regulations in regard to trade, the immigration of laborers, police, and public security, either in force or which may hereafter be enacted in either of the two countries."

In regard to this, Mr. Olney says: "I am unable to see how the meaning and effect of the paragraph just quoted can be misunderstood. It embodies an expressed declaration that the stipulations of article 1 are in no way to affect the laws, ordinances, and regulations with regard to police and public security, which are in force, or which may hereafter be enacted in either of the two countries."

"In other words, the congresses of important powers known as the police power is untouched and unimpaired by this treaty."

"It follows that, as it has never been doubted, and will not now be, that the regulation of its public schools is an exercise of the police power belonging to each state. What California has chosen to do with reference to the San Francisco public schools raises no question under the treaty with Japan, and is a subject matter with which the national government has no right to concern itself."

"In short, the entire police power of the country, being reserved by the treaty in favor of either the United States or the several states, and the establishment, maintenance and organization of the public schools of each state, coming under the police power of that state exclusively, Japan is wholly without cause of complaint against California by reason of its public school system, and the United States is without legal ground of interference with that system, vi et armis or otherwise."

The people in southern Siskiyou county, in and about Sisson, are agitating the question of irrigation for 10,000 acres or more of land that was once covered by magnificent forest, but which is now denuded and barren without water. It is believed that water can be very easily secured from the headwaters of the Siskiyou river, and by a canal of fifteen or twenty miles in length can be led to all this waste land, which can be made one of the very productive parts of the state. Senator Perkins has taken the question up with the Interior department and will see what can be done. It is probable, however, that a great difficulty will be found in the fact that the denuded timber lands are in very few hands, while the irrigation law forbids the sale of water to more than 160 acres in the hands of one owner. Were the 10,000 acres owned by individuals holding not more than 160 acres it is likely that the problem would be simplified.

Lodi wants a Carnegie library building, and has asked senator Perkins, who has been successful in the case of other California towns, to appeal to the generous Scotchman, and he has done so, but as yet no reply has been received.

One of the great needs of the Mare Island Navy Yard is a central power plant, for which no provision was made in the naval bill. Senator Perkins has therefore introduced an amendment appropriating \$100,000 for such plant. Included in the dry dock contract, which work is now under construction by the Seefield Company, is certain machinery, including boilers, turbo generators, and accessories for operating the large pumps of the new dry dock. This machinery

is all under contract. Under the terms of the contract the government must provide a building for its installation, together with arrangements for condenser water supply and a large number of accessory devices needed in the operation of the plant. Unless an appropriation is obtained this year which will permit the construction of the above named work to be taken in hand promptly at the beginning of the next fiscal year, the dry dock contractor will be delayed, and it will be impossible to operate the new dry dock until the above facilities are furnished by the government, although additional docking facilities on the Pacific coast, and especially at Mare Island, are very much needed at the present time. For these reasons the senator will make every effort to have his amendment accepted.

The bill providing for two additional circuit judges in the ninth judicial district, and for an additional district judge, was passed in the senate Tuesday. The bill provides, however, that when one vacancy in the office of circuit judge shall occur, it shall not be filled, thus reducing the number of circuit judges to four. At least one term of the circuit court of appeals shall be held in Seattle. This bill is a substitute for the one previously introduced. It was presented by senator Piles of Washington. It will in all probability not be concurred in by the house of representatives, and in consequence the measure will go to conference of the two houses of congress. Senator Perkins has the assurance, however, that the senate judiciary committee will insist upon the proviso for an additional United States district judge.

The state board of trade and seven or eight of the largest growers of olives wired to the delegation Monday in regard to the ruling placing imported pickled olives on the free list, urging that the decision be at once reversed. As before stated, the secretary of the treasury ordered the collector of customs of New York to call for a review of the decision, and the matter is now before the treasury department. Nevertheless, secretary Shaw was again appealed to in behalf of the California growers, and was urged to see that the case was so disposed of that the important California industry should not be injured. Thursday he informed senator Perkins that an appeal from the decision had been taken and if the growers properly present their case there is a likelihood that the decision will be reversed.

The senate pension bill has been finally passed, and veterans of the Mexican and Civil wars will now be able to secure pensions on the score of age alone. It is estimated that should all veterans take advantage of the act to secure pensions or have those already granted increased, not more than \$6,000,000 a year will be necessary. As there are very many Mexican and Civil war veterans in California the text of the bill is here given, as follows:

"Any person who served ninety days or more in the military or naval service of the United States during the late Civil war, or sixty days in the war with Mexico, and who has been honorably discharged therefrom and who has reached the age of sixty-two years or over, shall, upon making proof of such facts, according to such rules and regulations as the secretary of the Interior may provide, be placed upon the pension roll and be entitled to receive a pension, as follows:

"In case such person has reached the age of sixty-two years, \$12 per month; seventy years, \$15 per month; seventy-five years or over, \$20 per month, and such pensions shall commence from the date of the filing of the application in the bureau of pensions after the passage and approval of this act.

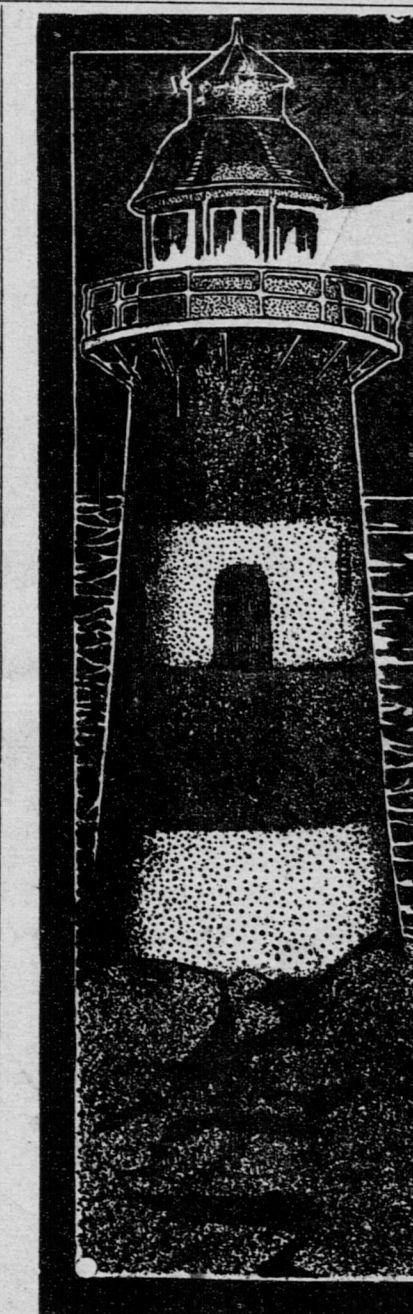
"Provided, that pensioners who are sixty-two years of age or over, and who are now receiving pensions under existing laws, or whose claims are pending in the bureau of pensions, may, by application to the commissioner of pensions, in such form as he may prescribe, receive the benefits of this act; and nothing herein contained shall prevent any pensioner or person entitled to a pension from prosecuting his claim and receiving a pension under any other general or special act.

"Provided further, that no person who is now receiving or shall hereafter receive a greater pension under any general or special law than he would be entitled to receive under the provisions herein shall be pensionable under this act.

"That rank in the service shall not be considered in applications filed hereunder.

"That no pension attorney, claim agent, or other person shall be entitled to receive any compensation for services rendered in presenting any claim to the bureau of pensions, or securing any pension under this act."

The Indian appropriation bill contains several items of interest to California, as follows: For the Mission Indians, \$5,000; for the Northern Indians, \$10,000; for the support and education of four hundred Indian pupils at the Sherman institute, \$33,750; for superintendent, \$2,250; for repairs, water, etc., \$10,500; for concreting reservoir \$3,000; for incidental expenses of the Indian service in California and support of Indians in the Round valley, Hoopa valley, and Tule river agencies, \$4,000; pay of employees at agencies, \$7,000; for payment to Indian of the Round valley Indian reservation \$500



AVOID ALUM

AN UNSEEN DANGER IN FOOD

TO GUARD SHIPS against the unseen dangers at sea, the United States Government maintains lighthouses.

To guard your home against the unseen dangers of food products, the Government has enacted a pure food law. The law compels the manufacturers of baking powder to print the ingredients on the label of each can.

The Government has made the label your protection—so that you can avoid alum—read it carefully, if it does not say pure cream of tartar, hand it back and

Say plainly—ROYAL BAKING POWDER

ROYAL is a pure, cream of tartar baking powder—a pure product of grapes—aids the digestion—adds to the healthfulness of food.

for 402 acres of land erroneously entered by homestead and other claimants while they were a part of the reservation. There were stricken from the bill after it left the house, appropriations aggregating \$21,000 for additional buildings and cement walks for the Sherman institute, but the California senators will endeavor to have them restored.

On the 1st of February the senate passed senator Flint's bill extending two years time for making settlement and final proof under the homestead laws in the case of lands in San Diego county affected by the break in the Colorado river and the formation of the Salton sea.

The senate bill to increase the salaries of letter carriers has passed that body. It involves 13,727 carriers, whose salaries aggregate \$14,355,900. Salaries in cities having 75,000 inhabitants or over are graded so that those of the seventh grade shall receive \$600; sixth, \$700; fifth, \$800; fourth, \$900; third, \$1,000; second, \$1,100; and first, \$1,200 per annum. There are five grades in cities having less than 75,000 inhabitants, the salaries being the same as those from the seventh to the third grade as above set forth.

Forester Pinchot of the forestry service has informed senator Perkins that he will be able this year to make payment to the school funds of counties wherein are forest reserves very considerable amounts of money representing a part of the receipts from the sale of timber from and grazing privileges granted in forest reserves. California's share will be about \$14,000.

A very interesting discussion took place before the senate committee on agriculture Wednesday between the committee and representatives of grazing and lumber interests of many of the far western states. The question was the preservation of the forests in the reserves and the reproduction of soil which had been washed away through the effects of overgrazing. Reforestation of denuded areas will be undertaken, and soil will be replaced through the planting of certain kinds of grasses which will grow on what are now barren areas, thereby holding the earth against rain and melting snow and giving an opportunity for the collection of humus and will aid the return of fruitfulness. The work of the forestry bureau is broadening every year as the organization is perfected and more money is available, and before long the service will be more than self-supporting. At present the pressing need is the construction of trails, cabins, telephone lines and bridges in the reserves, to afford every aid possible to the rangers in the protection of forests from damage by fire or otherwise. It is proposed to begin this important work during the coming summer.

The California state federation of labor has written to the delegation calling attention to the fact that the ferry from Mare Island to Vallejo carries some of the navy-yard employees free, while some ninety per cent of the workmen have to pay fare. This discrimination is, in their opinion, unjust, and it is suggested that the government establish a free ferry system for the workmen, who are practically the only patrons of the line. Congressman Knowland has taken steps to ascertain all facts bearing on the present ferry, with a view of ascertaining whether there is anything that would interfere with the establishment of a government line. When the situations in thoroughly understood the delegation will give it further attention.

Hon. L. E. Aubury, state mineralogist, is very active in behalf of California producers of building material, and has written to senator Perkins in regard to his work. As supervising Architect Taylor has stated that Colusa sandstone is too dark for the Los Angeles postoffice and that a lighter stone is desired, Mr. Aubury has made a careful examination of quarries, and says that he has found a California sandstone more beautiful than that from Wyoming. This stone is buff in color, and in his opinion would be perfectly adapted to the Los Angeles postoffice, and can be delivered there at a cost not exceeding the price at which Wyoming stone can be delivered, and perhaps for less. Samples have been forwarded to Mr. Taylor, with the assurance that the owners of the quarry will guarantee to furnish the necessary amount. Mr. Aubury says that he will meet every objection that can be raised in this matter. He has ascertained that California quarries have not been approached in the matter of the Los Angeles postoffice, but the action he has taken will undoubtedly convince the supervising architect that California has stone suitable of federal buildings of any style of architecture, and that it can be furnished as low as that from any other state. Mr. Aubury will request the producers of structural material to send samples to the supervising architect that he may have before him at all times specimens of such stone as California can produce.

Senator Perkins, at the request of adjutant general Lauck, has introduced a bill to reimburse the state of California for arms, ordnance and ordnance stores, medical property and other military supplies belonging to the state and furnished by the United States and lost or destroyed in the great earthquake and subsequent fire in San Francisco last April. An effort will be made to pass the bill, but so few days of the session remain, and so much time will be consumed on the big appropriation bills that it is very doubtful that the measure can be got through both houses.

Goldfield, Nevada, February 8.—Important news was given out last night that the Mohawk Consolidated Leasing Co. has struck what is thought to be one of the rich ore bodies of the Mohawk mine. This lease is on claim No. 1, of the Mohawk and demonstrates that the upper end of the mine is likely to be as rich in ore as was the south end. All the leases on Claim No. 2, or the south end expired Jan. 1st. Mohawk Consolidated is the first lease on Claim No. 1, of the Mohawk. It is known that they have at least 4 feet of ore that averages \$400 a ton. As their lease runs into millions, they have a chance to take out millions. The Mohawk Consolidated Leasing Co., is only capitalized at 300,000 shares and very little of the treasury stock has been sold and the chances are it will sell into high figures. The Mohawk Consolidated has been listed in the San Francisco and Oakland boards, and brokers look for active trading in this stock. This lease is only 120 feet from the famous Hayes & Monnetts lease which took out \$4,400,000 in six months.

Strike Ore at \$400 a Ton.

Nothing will relieve indigestion that is not a thorough digestant. Kodol digests what you eat and allows the stomach to rest—recuperate—grow strong again. Kodol is a solution of digestive acids and as nearly as possible approximates the digestive juices that are found in the stomach. Kodol takes the work of digestion off the digestive organs, and while performing this work itself does greatly assist the stomach to a thorough rest. In addition the ingredients of Kodol are such as to make it a corrective of the highest efficiency and by its action the stomach is restored to its normal activity and power. Kodol is manufactured in strict conformity with the National Pure Food and Drug Law. Sold by P. W. Ruhser.

SO THE WORLD GOES.

(This poem was written in December, 1862, by Colonel John A. Joyce, at the Galt House, Louisville, Kentucky, at the request of George D. Prentice.)
Laugh and the world laughs with you;
Weep, and you weep alone;
For this brave old earth must borrow its mirth,
It has troubles enough of its own.
Sing, and the hills will answer;
Sigh! it is lost on the air;
The echoes bound to a joyful sound,
But shrink from voicing care.
Rejoice, and men will seek you;
Grieve, and they turn and go;
They want full measure for your pleasure,
But they do not want your woe.
Be glad, and your friends are many;
Be sad, and you lose them all;
There are none to decline your re-
tired woe,
But alone you must drink life's gall.
Fest, and your halls are crowded;
Fast, and the world goes by;
Succeed and give, and it helps you
live,
But no man can help you die.
There is room in the halls of pleasure
For a long and lordly train;
But none by one must all file on
Through the narrow aisles of pain.

Curious Insect.
A Butterfly That Enjoys Only Five Hours of Life.
It is in August that the naturalists observe the marvelous insect which is born, reproduces and dies in the period of a single night on the banks of the Marne, of the Seine and of the Rhine. It is the ephemere of which Strametzdam has written and which is spoken of in Aristotle.

The life of this insect does not last beyond four or five hours. It dies toward 11 o'clock in the evening after taking the form of a butterfly about six hours after midday. It is true, however, that before taking this form it has lived three years in that of a worm, which keeps always near the border of water in the holes which it makes in the mud.

The change of this worm in the water to an ephemere which flies is so sudden that one has not the time to see it. If one takes the worm in the water the hand cannot be taken away before the change is made unless by pressing the worm slightly in the region of the chest. By this means it can be taken from the water before the change takes place.

The ephemere, after leaving the water, seeks a place where it can divert itself of a fine membrane or veil, which entirely covers it. This second change takes place in the air.

The ephemere assists itself with the point of its little nails as firmly as it can. It makes a movement similar to that of a shiver; then the skin on the middle of the back breaks apart, the wings slip out of their sheath, as we sometimes take off our gloves by turning them inside out. After this stripping the ephemere begins to fly. Sometimes it holds itself straight up on the surface of the water on the end of its tail, flapping its wings on against the ether. It takes no nourishment in the five or six hours which are the limit of its life. It seems to have been formed but to multiply, for it does not leave its state of a worm until it is ready to deposit its eggs, and it dies as soon as they are deposited.

In three days' time one sees appear and die all species of ephemere. They last sometimes until the fifth day, for the reason that some malady has affected some of them and prevents them from changing at the same time as the others.

CASTORIA

For Infants and Children.

The Kind You Have Always Bought

Bears the Signature of *Dr. J. C. Watson*

SPRING IS COMING

Tone up your System with
**Ruhser's Compound Extract of
Sarsaparilla.**

**RUSHER'S
CITY PHARMACY.**

Jackson, Cal.

LOCAL NEWS

M. L. Smith, Notary Public, and
Stenographer, Office, Main Bldg.,
Court street, telephone No. 413.

M. Newman and wife, Mrs. Newman's mother, Mrs. Murphy, and
Matt. Muldoon and wife, went to
Oakland early this week, to attend
the funeral of Miss Gertrude Murphy,
which took place in that city last
Monday.

A lot of liquors, saloon outfit, etc.,
are posted for sale at public auction
next Monday at the Grokko saloon,
to satisfy a judgment in the suit of
W. Tam vs. Fortunato Paroli.

J. R. Byrd came down from Vol-
cano last week, to seek surgical aid
for a sore on the left side of the neck,
which has been troubling him for the
past year. He submitted to an operation
for its removal at the hands of
Dr. Goodman of Sutter Creek.

The tumor was of a cancerous nature. It
was treated by a thoroughly new process,
the discovery of Dr. Goodman. A
complete cure is looked for.

Miss Fuller, has gone to the city
for a new line of millinery goods,
and will return before Easter, and
remain in Jackson for two weeks.
Wait and get bargains.

Mrs. Hedgepath left Sunday for
Lincoln, Placer county, to visit her
sister, Mrs. Jansen.

Mrs. Dave Hall and daughter, Mrs.
Wrigglesworth, went to Sacramento
Sunday for a week's visit.

Miss Annie Perovich left Saturday
morning for Oakland, to attend the
funeral of Miss Gertrude Murphy.

As proof of the value of the Ledger
as an advertising medium, we may
state that last week a four line notice
was inserted about a lost watch for
less than an hour after the paper
was out the lost article was returned
to the owner.

W. B. Phillips has bought the
undertaking business of Wm. Seoble,
and is prepared to do business in
first class style.

Mrs. Eva L. Turner, nee Kent, has
written from Monterey resigning the
office of worthy matron of the Eastern
Star lodge, Mr. Turner having located
in business in Monterey.

Mrs. Richtmyer is having a new and
larger water main laid on Stansel
avenue, which will be a great boon to
the residents of Hamilton tract,
especially in regard to fire pro-
tection. Fire pipes are being placed
at convenient points.

The store of E. W. Kelly is still
closed, and in the hands of the sheriff.

W. G. Snyder has purchased the
Freeman residence on Court street.
The price paid was \$1200. It is one
of the nicest locations in town, and
by its purchase Mr. Snyder has be-
come permanently identified with the
city. His legal practice is picking up
right along.

Al effort is being made to wipe out
the debt on the M. E. church. When
the pastor, Rev. C. E. Winning, was
in San Francisco recently he secured
the promise of \$500 from the church
extension fund, on condition that at
least a like amount be raised locally.
To get this sum is the task now in
hand. Considerable has already been
promised, and there is no doubt the
amount needed will be forthcoming.

The total debt, we understand, is
about \$1200.

Mrs. Justus came up from Oakland
Wednesday evening, to remain here
for some time.

Henry Griffin left for San Jose this
week. It is reported that he will
take charge of a hardware store to be
started in that city by the McCall
interests, and that he has gone down
to make the necessary arrangements.
He expects to move his family to the
garden-city soon.

J. F. Wilson, Dentist, Hours 9 a.
m. to 5 p.m. Phone Office, black
441; residence, black 391; Jackson.

Mr. and Mrs. Alex Lundy left Mon-
day morning for the city, where they
will remain for sometime. Mr. Lundy
has not definitely decided where he
will settle, or what business he will
hereafter engage in. He intends to
look around various places, and will
probably visit Nevada and other
states before making up his mind.
Mrs. Lundy and child will stay with
the former's mother, Mrs. R. J. Adams
in San Francisco in the meantime,
after a visit to the southern part of
the state.

Tom Peak came up from Oakland
Sunday, to see his relatives. He has
secured a desirable position in a
wholesale house in San Francisco, and
will enter upon his new duties the
first of next month.

When you wish the finest flavored
coffee and teas, remember that W. J.
Nettle keeps only the best.

The closing out sale at Max Lundy's
the exclusive tailor and clothier, will
close positively next Wednesday even-
ing at 9 o'clock.

Ledger and Chicago Week y inter-
ocean, both papers for one year, \$2.50
in advance.

Geo. Brown left Monday for Stock-
ton, to be gone a few days.

Mrs. S. Angove returned from Grass
Valley, Nevada county, last Saturday.
The sufferer by the fire which de-
stroyed the Armstrong residence in
that town were doing well when she
left, and it is believed that Prof.
Armstrong will recover.

Chas. H. Crocker will leave to-
morrow morning for Colusa, to attend
to some business in the superior
court of that county. Mrs. Crocker
will accompany him as far as Saca-
mento, where she will visit relatives
in the capital city. They will both
return to Jackson about Wednesday.

Miss Irene Polger left Sunday
morning for Vallejo, to join her
sister, Grace, who is engaged in the
post office in that city.

Miss Marie Parker was a passenger
Tuesday, her destination being Napa,
where she intends engaging in the
millinery business. Her brother
Geo. is also employed in that city.

Joe Baldi, G. Lupatini and G.
Lupatini and wife, started Tuesday
morning for their native land, Italy,
which they have not seen for fifteen
years. They go on a visit only, and
expect to be away about six months.
They are all from the same province
of Italy and have relations there.

The two-year old son of Mrs. Passero
by her former husband, Domenico
Campi, died Friday night at Ken-
nedy flat, of cerebro meningitis, and
was buried Sunday afternoon in
Jackson.

Mrs. Payne, wife of postmaster
Payne of Sutter Creek, died in Oak-
land Wednesday, after a surgical
operation. The remains were brought
to Sutter Creek yesterday, where the
interment will take place today.

J. J. Kessing, a regular graduate in
pharmacy, came up from Oakland
Wednesday to take charge of the
Spagnoli drug store, vice Garibaldi,
resigned.

The infant son of Mr. and Mrs. R.
Onley died at Kennedy flat on Tues-
day, from measles complicated with
pneumonia, aged 10 months. Inter-
ment was in Amador City yesterday.

Have a lot of youth's suits and
pats on hand, which I will sell at a
sacrifice, Max Ladar, the tailor.

Remember that the closing out sale
at Max Ladar's will continue for
only five days longer.

Mrs. E. H. Harrington returned from
San Francisco Tuesday evening,
accompanied by her youngest daugh-
ter, four years old. The child was
taken to the city for a final operation
for paralysis of the muscles of the
ankle of one foot. The trouble came
on about a year ago, causing the foot
to give way on the side affected. A
surgeon in the city took hold of the
case, and performed the initial opera-
tion some months ago. He practi-
cally accomplished the surgical feat of
inserting a new tendon. With the
secondary operation a complete cure
is looked for. Even before the
second operation the use of the foot
was about completely restored. The
surgeon, however, insisted upon
finishing the work. The foot is in a
plaster cast at present. When the
time comes for that to be removed, it
is expected that the little patient will
be as well as ever. It is a remark-
able performance in surgery.

The Jackson Social and Athletic
club will give a social dance in
Love's hall April 6.

Rafaele Pannochi, charged with
killing M. Chovich with a miners'
candlestick at the Kennedy mine two
weeks ago, had his preliminary ex-
amination before Justice A. Goldner
yesterday. The prisoner was repre-
sented by Chas. H. Crocker, the dis-
trict attorney appeared for the people.
The examination consumed several
hours, and at the close of the testi-
mony a continuance was granted until
next Thursday for the attorneys to
argue the matter.

The balance on two New Upright
Pianos and one organ will be sold by
March 1st less than factory price
rather than return and pay freight,
no haggle or fake; chance to buy
now for 1/2 regular value, a 10 year
guarantee; each being of elegant style
and finish, and clear sound piano.
Walnut and mahogany case; for re-
ference take pleasure in recommend-
ing Mrs. B. H. Schacht, Mrs. Ed. Kay
and many others have bought. A \$100
piano will go at \$200; a \$300 piano
for \$150; \$150 organ for \$75; also a
\$275-1800 pound burglar fire proof
Halls safe for \$75. Call at the White
House Store before March 1st, Main
street, Jackson.

James Eagan, young son of Mrs.
Peter Eagan of Sutter Creek, died of
pneumonia in Alameda last Friday.
Interment was in the Catholic cem-
etery in Sutter Creek last Monday.

S. C. Wheeler, an old resident near
Plymouth, was very sick last week
and it was feared that he would not
survive his illness.

Ledger and Chicago Week y inter-
ocean, both papers for one year, \$2.50
in advance.

FATAL ACCIDENT AT CENTRAL EUREKA.

John T. Vandament Killed by
Circular Saw.

A shocking accident happened at
the Central Eureka mine, Sutter
Creek on Saturday morning last. The
victim was John T. Vandament, aged
36 years, son of Jacob Vandament,
who lives on Sutter hill. Vandament
was employed by the Central Eureka
Company in running the sawmill at
the mine. He was an experienced
hand at that business. Exactly how
the fatality occurred is not known, as
there was no eye-witness to the affair.
About half-past ten o'clock Vandament
was found by one of the em-
ployees lying on the ground near the
sawmill, with the side of his head
crushed in. He was alive, but uncon-
scious. The stricken man was re-
moved to the Sierra Sanitarium
near Martells for treatment as soon as
possible. An operation was there per-
formed by the sanitarium physicians
for his relief, but without avail. He
never recovered consciousness, and
died about two o'clock, about two
hours after his reception at the sani-
tarium.

The conditions around the sawmill
were the mute witnesses that told
how the unfortunate victim met his
fate. A partly sawn stick of lumber,
with one end jagged by the teeth of
the saw, silently proclaimed the
method of the tragedy. It is believed
that Vandament was in the act of
turning this partially sawn scantling,
when the end thereof came in contact
with the revolving saw, thereby
throwing the timber with great vio-
lence against Vandament's head,
crushing his skull.

Corporal H. E. Potter impaled a
jury, which viewed the body the
same day. The inquest was held on
Tuesday. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

W. F. M. Meetings.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

An entertainment was given in
Love's hall last Saturday night, for
the purpose of raising funds for the
defense of Moyer, Haywood and
Petitbone. After hearing the testi-
mony, a verdict of accidental death
was returned.

The funeral was held in Sutter
Creek on Wednesday. Deceased was
a member of the N. S. G. W. also of
the A. L. O. F., and was insured in
the latter organization for a consider-
able amount. He was a single man.
He leaves besides his sorrowing
father, a sister living in Oakland, two
brothers in Kern county, and a
brother at Pine Grove.

INQUEST OVER THE FERRASCI POISONING VICTIMS.

Little New Light Thrown Upon the
Matter.

Coroner H. E. Potter held the
formal official examination into the
four deaths in the family of Tobia
Ferrasci on Monday morning. The
inquest was held in the supervisors'
room. The following named persons
comprised the jury: H. E. Kay, G.
Heiser, Mel Ford, F. A. Voorheis, W.
P. Peak, James Meehan, N. Marella,
William Perry Jr., H. C. O'Neill,
and Richard Webb. The four victims
of this tragedy died on the 20th and
21st of January last. That the
inquisition was so long delayed was
for the purpose of having the report
of the analytical chemists, Thos.
Price & Son, of San Francisco, before
the jury, in the hope that the report
would throw much light upon the
causes contributing to the fatalities.
This hope was doomed to disappoint-
ment. We are just as much in the
dark now as before the examination
was held. There was no shorthand
reporter present, and this fact doubt-
less cut short the inquiry. The
matter would no doubt have been
gone into much more thoroughly ex-
cept for the tedious process of taking
down the testimony in long hand.
Only three witnesses were examined,
namely, Dr. Endicott, Dr. Gail, and
Tobia Ferrasci. Their testimony was
substantially as follows:

Dr. Endicott.—Was called as a phy-
sician and surgeon to the family of
Tobia Ferrasci on the morning of the
21st of January, in company with Dr.
Gail. He waited upon James Ferrasci,
aged twelve years. The three other
victims had died before he got there,
and the boy was then in a practically
dying condition. He was conscious
but had great difficulty in breath-
ing and swallowing, and died within a
short time after he got there. The
immediate cause of death was respira-
tory paralysis, produced by some
poisonous substance in the system.

Held an autopsy assisted by Dr. Gail,
upon the body of Erminia Cottini,
the following day. Found consid-
erable congestion at the upper portion
of each lung; also much congestion
of the membranes and outer portion
of the brain. The stomach and
bowels were anemic; other vital
organs seemed normal. Removed
stomach and contents, also spleen,
portion of the liver, and one kidney.
Placed the same in a hermetically
sealed jar, and marked the same for
identification. In his opinion the
conditions found were due to some
poisonous substance.

Dr. Gail testified that he was called
to the Ferrasci home on the 20th of
January. Got there between 6 and 7
o'clock that evening. Did not see
Erminia Cottini. She had died before
he got there. Treated Mrs. Ferrasci,
and James T. and Lidia Ferrasci. All
complained of the same symptoms—
dizziness, partial loss of sight in-
ability to swallow, dryness of the
throat and mouth, constipation.
There was dilation of pupil of the
eye, and partial paralysis of the
muscles of respiration. In his opin-
ion death was caused from ptomaine
poisoning. Assisted at the autopsy
on the 22nd. Examined the heart,
found it normal, except that the
veins were dilated on the outside of
heart. Upper portion of lungs were
congested, the left lung more than
the right; liver, spleen and kidneys
were slightly congested; stomach and
bowels were anemic; brain normal,
but membranes surrounding brain
were slightly congested. Could not
form an opinion of the cause of death
from the autopsy alone. This dilata-
tion of the veins might be due to
insufficient oxygen. From the symp-
toms in life, and the examination
after death, he believed that ptomaine
poisoning was the cause of death. All
died from the same cause. By ptom-
aine poison was meant a poison gen-
erated from decomposing animal
or vegetable matter. Not one of the
known commercial poisons would
produce the symptoms present in
these cases. Bella donna would pro-
duce some of them, but not all. Did
not examine the respiratory muscles
at autopsy. Such an examination
would not reveal anything definite.
The brain must be looked to for the
effect upon the muscles of respiration.

Tobia Ferrasci, the head of the
stricken family, and uncle of Erminia
Cottini, was called, and testified:
Erminia Cottini died about 6 p. m.
January 20th she was 17 years old.
Marie Ferrasci, aged 28, died at 1 a.
m. Lidia, aged 10 years, died at 4 a.
m. January 21st, and James T.
Ferrasci, aged 12, died at 11 the same
day. The two first named were born
in Switzerland; the others were
natives of California. When ques-
tioned in regard to the midday meal
on Saturday, January 19, he stated
that it consisted of preserved beans,
salam, fresh cabbage grown on the
premises, and home-made bread. The
meal was prepared by Erminia
Cottini. The salam was also home-
made, and the beans were put up by
his eldest daughter Theresa last sea-
son, the beans having been grown in
their own garden. Those who par-
took of the meal, besides the above
named decedents, were himself and
Mrs. Canonica and her daughter. His
oldest daughter did not eat at that
time, as she was not feeling well;
neither did the two youngest children,
girls, aged 5 and 7. The beans were
served cold, as a salad. He himself
ate but very little of the beans; they
did not taste right; they tasted sour.
No bad effects were experienced until
the following day. His wife and
Erminia were the first to complain.
His wife had been somewhat sick
through the night. He went on his
beat up the ditch Sunday morning as
usual, and upon his return home
about half-past ten found both his
wife and Erminia in bed. Had fre-
quently partaken of same lot of beans
before, and felt no ill effects. Had
previously thrown some of these
beans away on account of their be-

coming sour. The boy remarked to
the doctor that he did not like the
beans.

District attorney Vicini, who con-
ducted the examination, stated to the
jury that he visited the Ferrasci
home at the time, and took several
jars of the beans. Those that were
perfectly covered by the liquid were
apparently edible. One jar seemed
to be in a state of fermentation. The
liquid did not reach within two
inches of the top. The beans not
covered had turned black, and a slimy
coating covered them. He had for-
warded this jar to Professor Thos.

